

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Darst et al.

SERIAL NO.: 09/396,651

EXAMINER: KERR, K.

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FOR: CRYSTAL STRUCTURE OF RNA POLYMERASE AND METHODS  
OF USE THEREOF**CERTIFICATE OF MAILING UNDER 37 CFR §1.8**

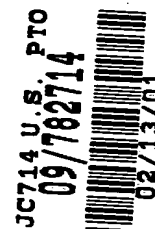
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(Signature and Date)



Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR §1.97 and MPEP 717.05(b), Applicant(s) submit herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant(s) request that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

Enclosed please find copies of References AA through BR listed on the attached Form PTO-1449.

No fee is believed due for the filing of this statement inasmuch as it is being filed before the mailing of the first official action on the merits. However, should the Patent and Trademark Office determine otherwise, authorization is hereby given to charge Deposit Account No. 11-1153 for this filing.

Respectfully submitted,

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Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.	600-1-258
	SERIAL NO.	09/396,651
	APPLICANT	Darst et al.
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LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT (Use several sheets if necessary)	GROUP	1643

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AA	Archambault and Friesen, <i>Microbiological Reviews</i> , 57:703-724 (1993)
	AB	Adams et al., <i>Proc. Natl. Acad. Sci. USA</i> , 94:5018-5023 (1997)
	AC	Borukhov et al., <i>J. Biol. Chem.</i> , 266:23921-23926 (1991)
	AD	Carson, <i>J. Appl. Crystallogr.</i> , 24:958-961 (1991)
	AE	Cheetham et al, <i>Nature</i> , 399:80-83 (1999)
	AF	Conaway and Conaway, <i>Science</i> , 248:1550-1553 (1990)
	AG	Darst et al., <i>Nature</i> , 340:730-732 (1989)
	AH	Darst et al., <i>Cell</i> , 66:121-128 (1991)
	AI	Darst et al., <i>J. Structural Biol.</i> , 124:115-122 (1998)
	AJ	Darst et al., <i>Cold Spring Harbor Symp. Quant. Biol.</i> , 63:269-276 (1998)
	AK	Degryse et al., <i>Arch. Microbiol.</i> , 117:189-196 (1978)
	AL	Doublet, <i>Methods Enzymol.</i> , 276:523-530 (1997)
	AM	Erie et al., <i>Annual Review of Biophysics &amp; Biomolecular Structure</i> , 21:379-415 (1992)
	AN	Furey and Swaminathan, <i>Methods Enzymol.</i> , 277:590-620 (1997)
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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AO	Gentry and Burgess, <i>Biochemistry</i> , 32:11224-11227 (1993)
AP	Gnatt et al., <i>J. Biol. Chem.</i> , 272:30799-30805
AQ	Gross et al., <i>Philosophical Transactions of the Royal Society of London - Series B: Biological Sciences</i> , 351:475-482 (1996)
AR	Helmann and Chamberlin, <i>Annual. Reviews of Biochemistry</i> , 57:839-872 (1988)
AS	Heyduk et al., <i>Proc. Natl. Acad. Sci. USA</i> , 93:10162-10166 (1996)
AT	Jin and Gross, <i>J. Mol. Biol.</i> , 202:45-58 (1988)
AU	Jokerst et al., <i>Mol. Gen. Genet.</i> , 215:266-275 (1989)
AV	Jones et al., <i>Acta Cryst. A</i> 47:110-119 (1991)
AW	Markovtsov et al., <i>Proc. Natl. Acad. Sci. USA</i> , 93:3221-3226 (1996)
AX	Mecsas et al., <i>J. Mol. Biol.</i> , 220:585-597 (1991)
AY	Metzger et al., <i>EMBO J.</i> , 8:2745-2754 (1989)
AZ	Mustaev et al., <i>J. Biol. Chem.</i> , 266:23927-23931 (1991)
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AV	Mustaev et al., 91:12036-12040 (1994)
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AX	Nicholls et al., <i>Proteins Struct. Funct. Genet.</i> , 11:281-296 (1991)
AY	Nudler et al., <i>Science</i> , 281:424-428 (1998)
AZ	Nudler et al., <i>Science</i> , 273:211-217 (1996)
BA	Nudler, <i>J. Mol. Biol.</i> , 288:1-12 (1999)
BB	Nudler et al., <i>Cell</i> , 89:33-41 (1997)
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	BC	Otwinowski, <i>Isomorphous Replacement and Anomalous Scattering</i> (Eds. Wolf, Evans and Leslie) (Science and Engineering Research Council, Daresbury Laboratory, Daresbury, UK, 1991)
	BD	Polyakov <i>et al.</i> , <i>Cell</i> , 83:365-373 (1995)
	BE	Rost and Sander, <i>J. Mol. Biol.</i> , 232:584-599 (1993)
	BF	Sentenac <i>et al.</i> , <i>Transcriptional Regulation</i> (eds. McKnight, S. L. & Yamamoto, K. R.) 27-54 (Cold Spring Harbor Laboratory, Cold Spring Harbor, 1992)
	BG	Schickor <i>et al.</i> , <i>EMBO J.</i> , 9:2215-2220 (1990)
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	BI	Severinov <i>et al.</i> , <i>Mol. Gen. Genet.</i> , 244:120-126 (1994)
	BJ	Severinov <i>et al.</i> , 267:12813-12819 (1992)
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	BL	Severinov <i>et al.</i> , <i>J. Biol. Chem.</i> , 270:29428-29432 (1995)
	BM	Sweetser <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 84:1192-1196 (1987)
	BN	von Hippel <i>et al.</i> , <i>Annual reviews of Biochemistry</i> , 53:389-446 (1984)
	BO	Wang <i>et al.</i> , <i>J. Mol. Biol.</i> , 270:648-662: (1997)
	BP	Zakharova <i>et al.</i> , <i>J. Bacteriol.</i> , 181:3857-3859 (1999)
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